UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 7,120,685 B2
APPLICATION NO. : 09/891584
DATED   : October 10, 2006
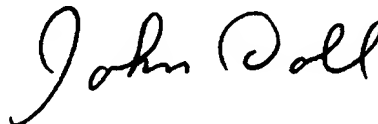INVENTOR(S)   : Ullmann et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Figures 1-8 are replaced by the attached 9 Sheets with Replacement Drawings.

Signed and Sealed this

Fifth Day of May, 2009

JOHN DOLL
Acting Director of the United States Patent and Trademark Office

FIG.1

FIG.3

TRACE LOGGER CONFIGURATION   334
MESSAGE LOGGER CONFIGURATION   336
THFL CONFIGURATION   332

330

THFL MANAGER
• GET THFL CONFIGURATION   352
• SET TRACE LOGGING CONFIGURATION   354
• SET TRACE LOGGING FILTER CONFIGURATION   356
• LISTEN THFL EVENTS   358

250

THFL MAPPER
• MAP BETWEEN LOG MESSAGE AND AFFECTED SUBSYSTEM
• MAP BETWEEN LOG LOCATION AND AFFECTED LOCATION

370

SERVER 101a
SERVER 101b
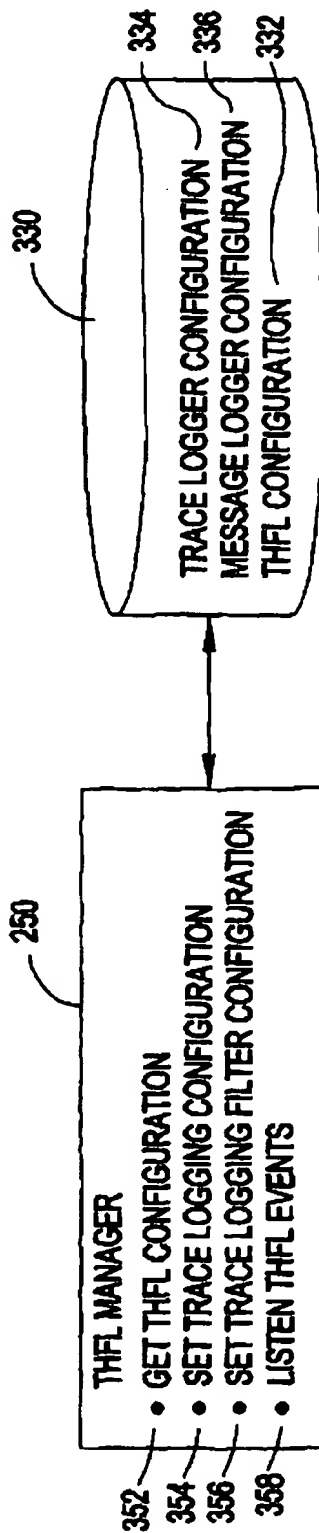CLIENT 102
CLIENT 103
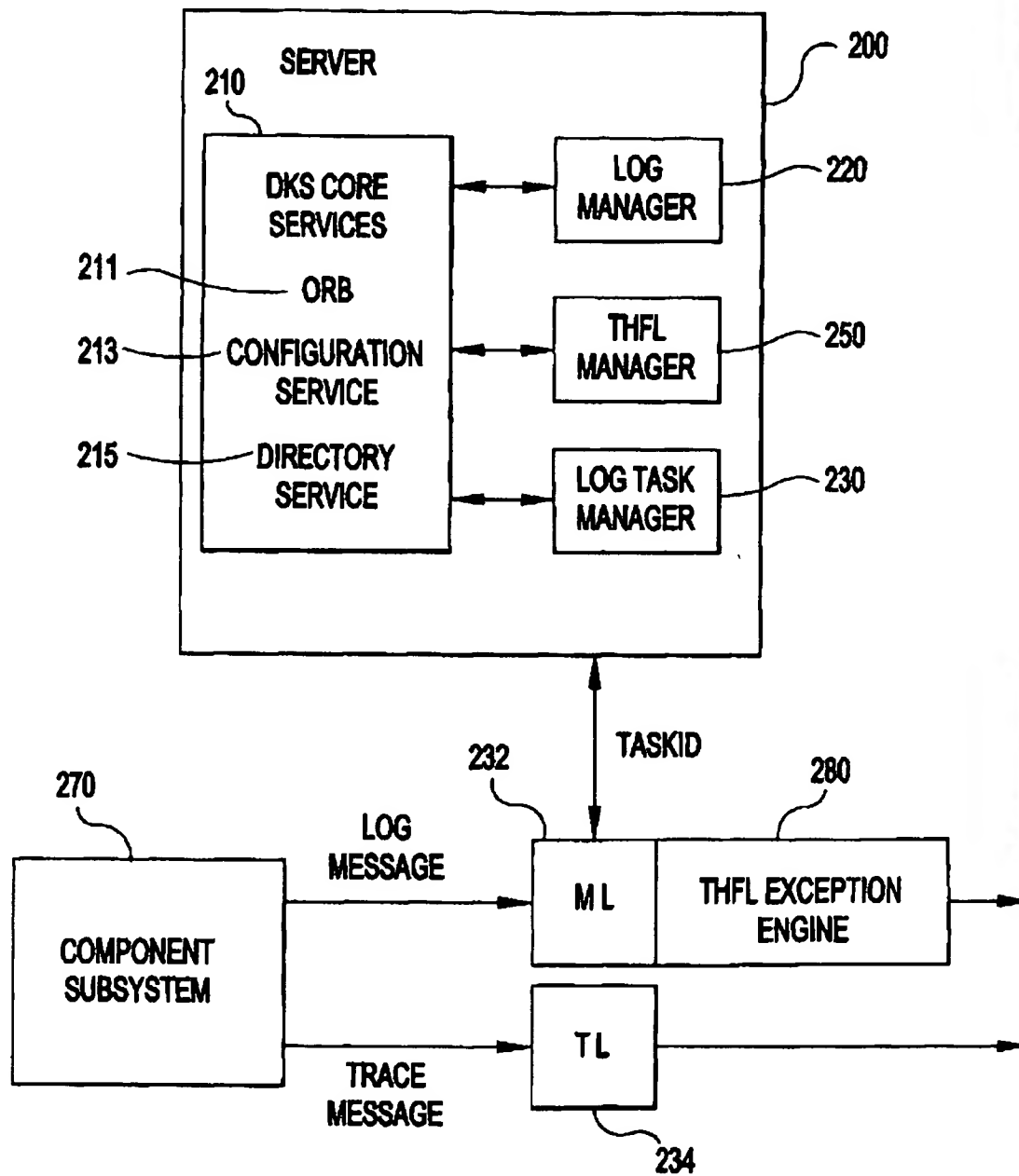CLIENT 104
SERVER 101c
SERVER 101n
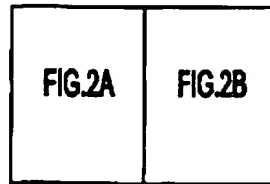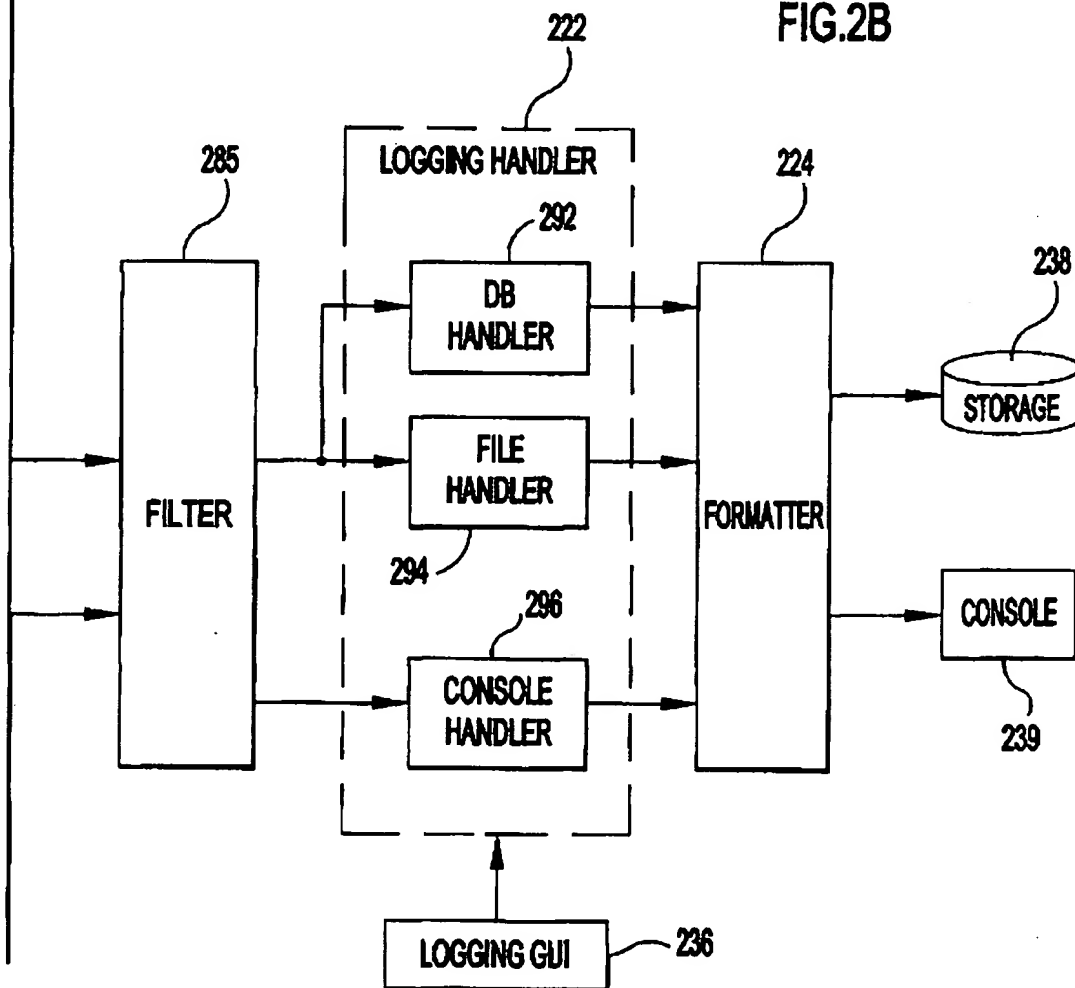
FIG.2A

FIG.2

FIG.2B

√ Transient High Frequency Logging Configuration GUI

When to Enable Transient High Frequency Logging:

   ∅ Run Periodic Detection

      ● Daily   time of day   = _____

      ● Monthly   day of month = _____

      ● Continuous Polling interval every _____ minutes

   ∅ Enable immediately as response to ALL Error Message (very expensive from a performance standpoint)

   ∅ Select Subsystem(s) which error events turn on temporary tracing
         Subsystem DropDown: Directory
                           IP Driver
                           ORB
                           Etc.

Duration of Transient High Frequency Logging:

   ∅ (default) 1 hour after error message
   ∅ Indefinite until Administrator turns off tracing

FIG.4

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FIG.5A

View Subsystems Performing Transient High Frequency Trace Logging

Current List
    Drop down List of Subsystems
        Directory
        IP Driver
        ServiceManager
        ORB

List in Last _____ hours
    Drop down List of Subsystems

List in Last _____ days
    Drop down List of Subsystems

FIG.5B

Details Views ForEachSubsystem

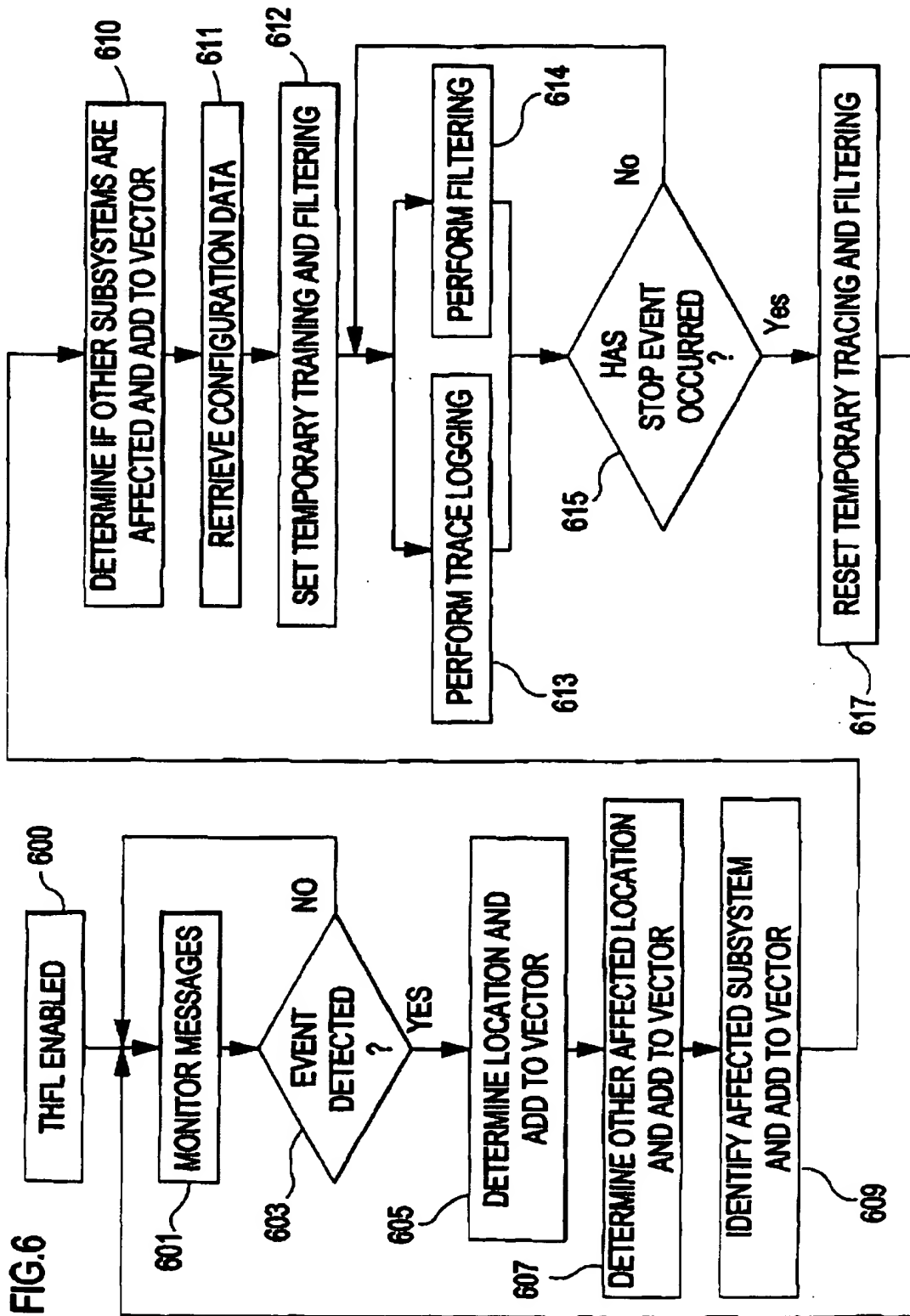View ErrorMessage that Inititated Increase Logging frequency:

2001.05.16 07:17:41.139 FNGDR3012E The Messaging Service for the directory running on the local ORB was unable to subscribe to event messages. No directory events can be processed by the ORB.
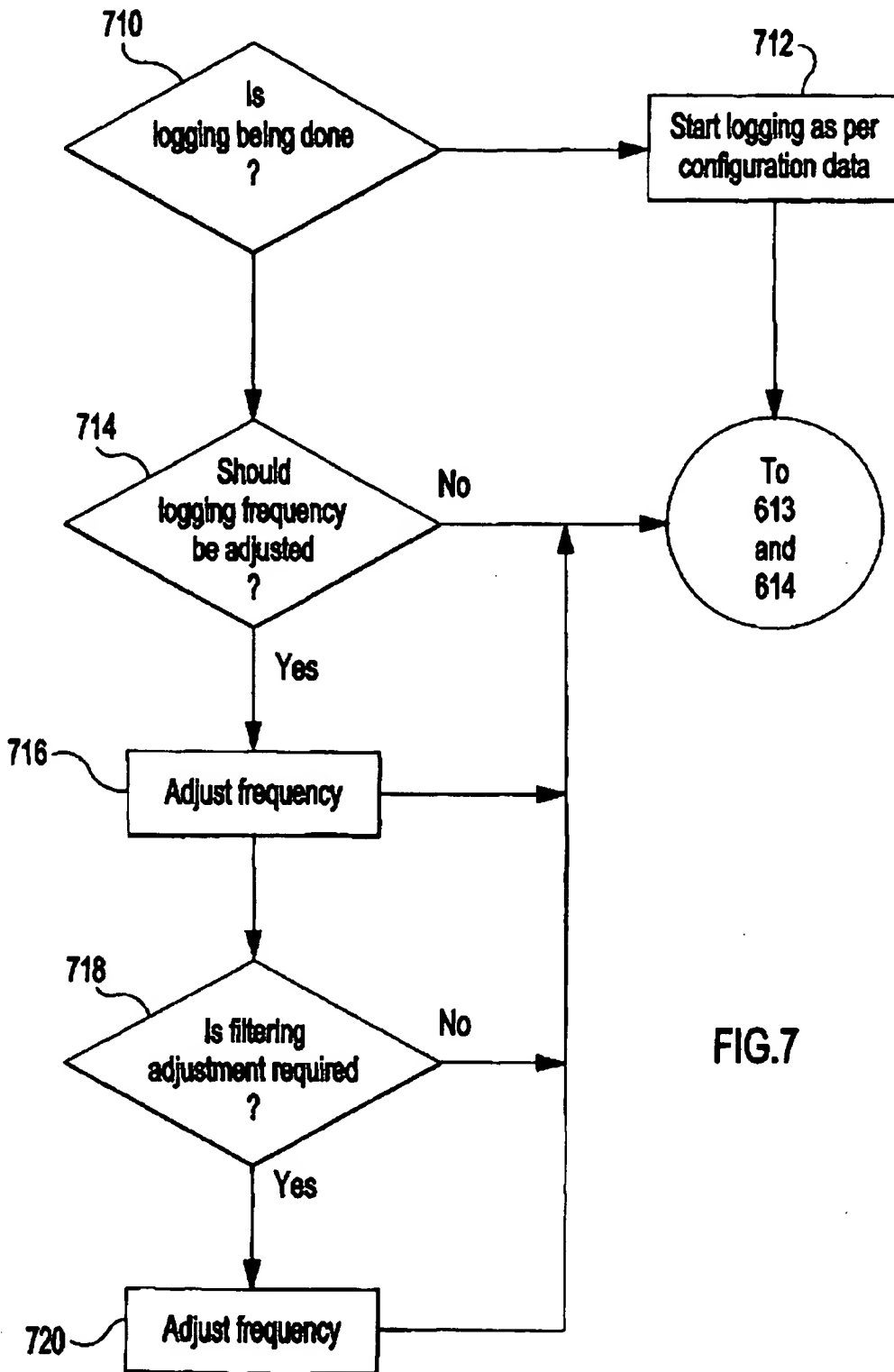
High Frequency Logging Interval 2001.05.16 07:17:41.139 - 2001.05.16 07:17:41.139

View MessageLog Button
ViewTraceLog Button
ViewCombinedTimeBoundLog Button

FIG.6

FIG.7

FIG.8